

Hybrid Power Solution



GreenPowerHire



Report

Start Date	15/09/2022	Generator	60 kVA
End Date	11/05/2023	Battery Storage	45 kWh
Site Name	Biggleswade Galliford Try	Battery Asset Number	GP105059

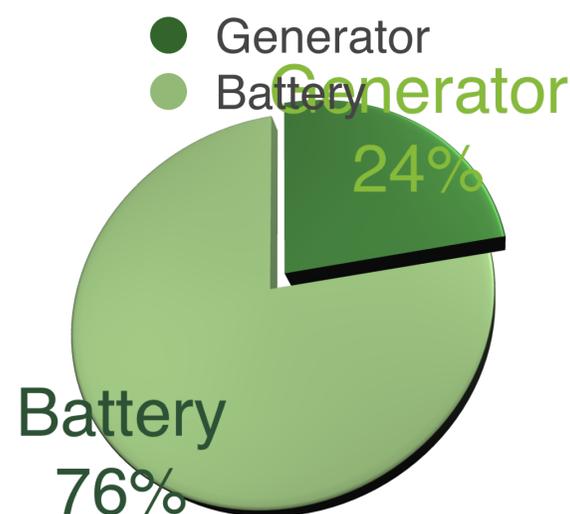


Generator Only

Generator Size	60 kVA
Normal fuel consumption for this period	30017.6 Litres
Normal CO2e emissions	94.74 Tonnes
Normal Fuel Cost	£39022.93 Pounds

Generator & Battery (Hybrid)

Generator size	60 kVA
Actual fuel consumption for this period	11577.5 Litres
Actual CO2e emissions	36.54 Tonnes
Actual Fuel Cost	£15050.81 Pounds
Battery storage specification	45 kWh



Benefits

Time period	239 Days	Fuel price per L	£1.30
Reduction in generator runtime	76.00%	Silent Running Hours	4359.4 Hours
Reduction in generator fuel consumption	61.43%	Reduction in generator fuel consumption	18440.1 Litres
Reduction in CO2e emissions	61.43%	Reduction in CO2e emissions	58.20 Tonnes
Fuel saving	£23972.12	Hire Cost	£14510.71



GREEN POWER HIRE

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